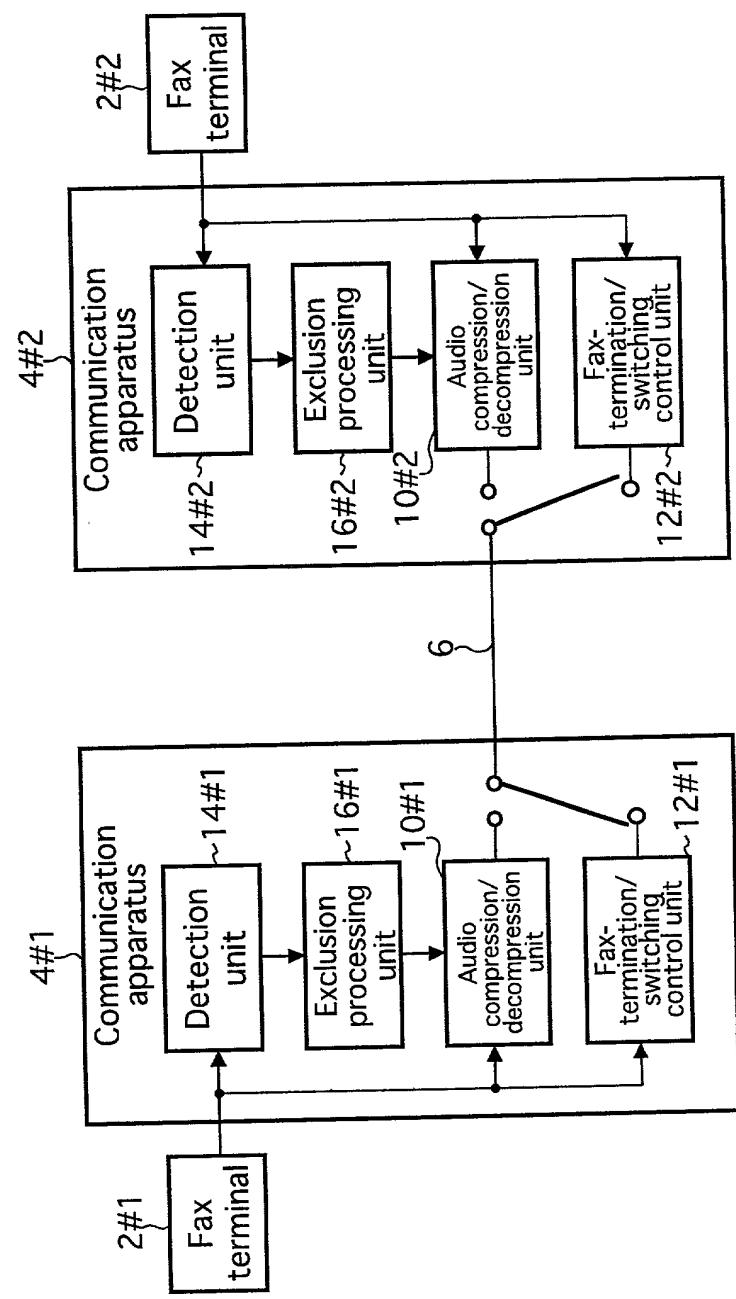
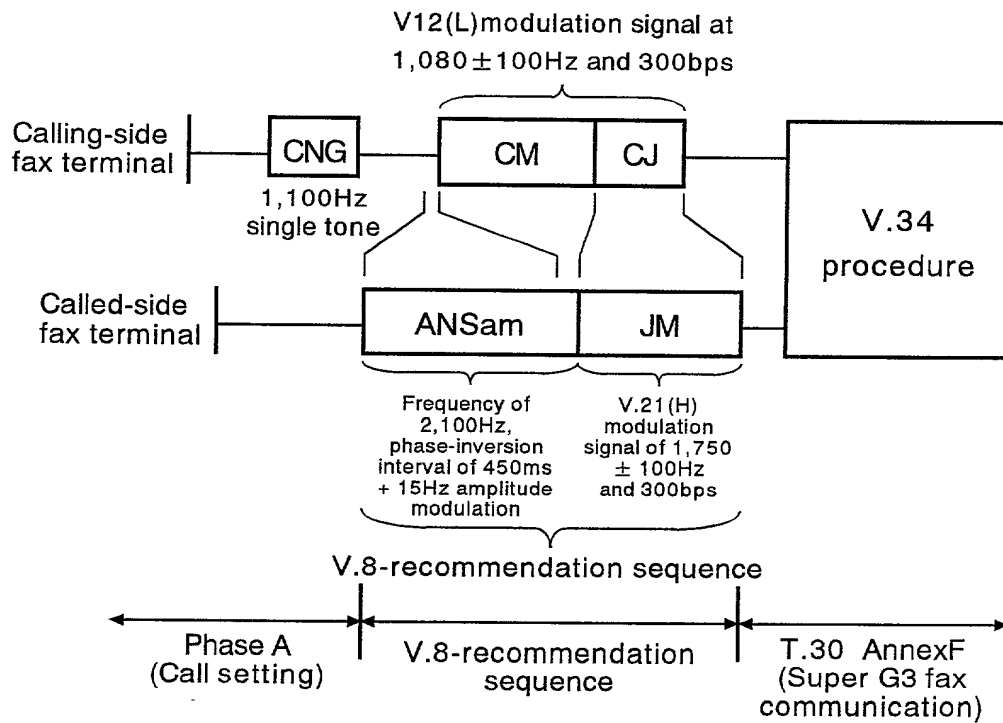


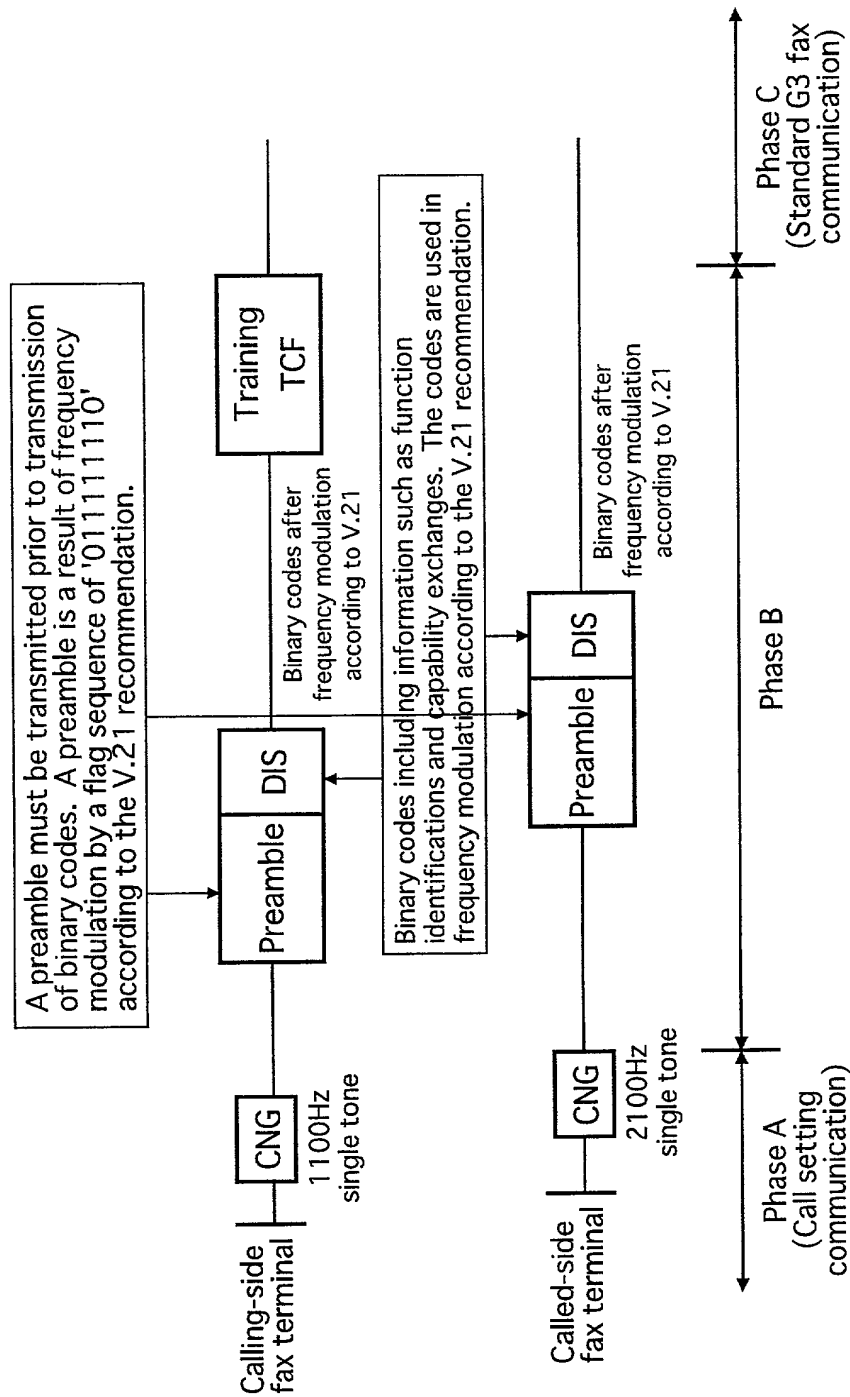
FIG. 1



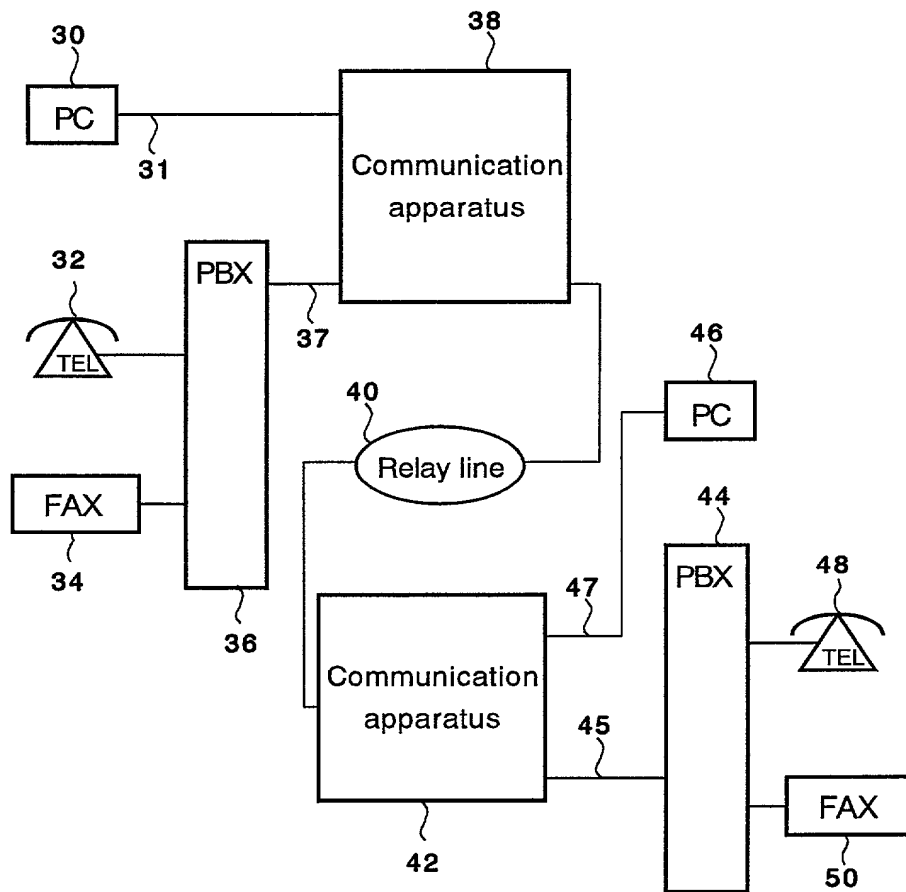
# FIG. 2



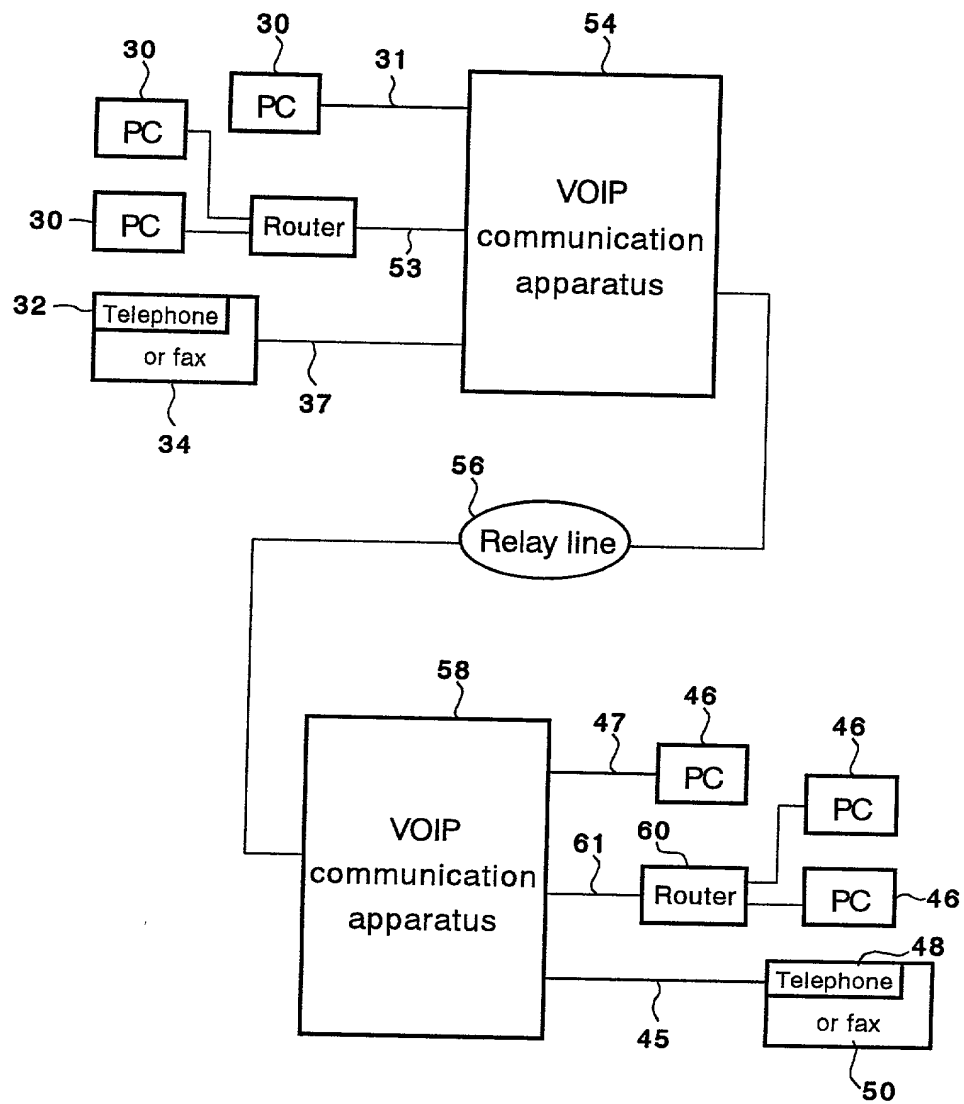
# FIG. 3



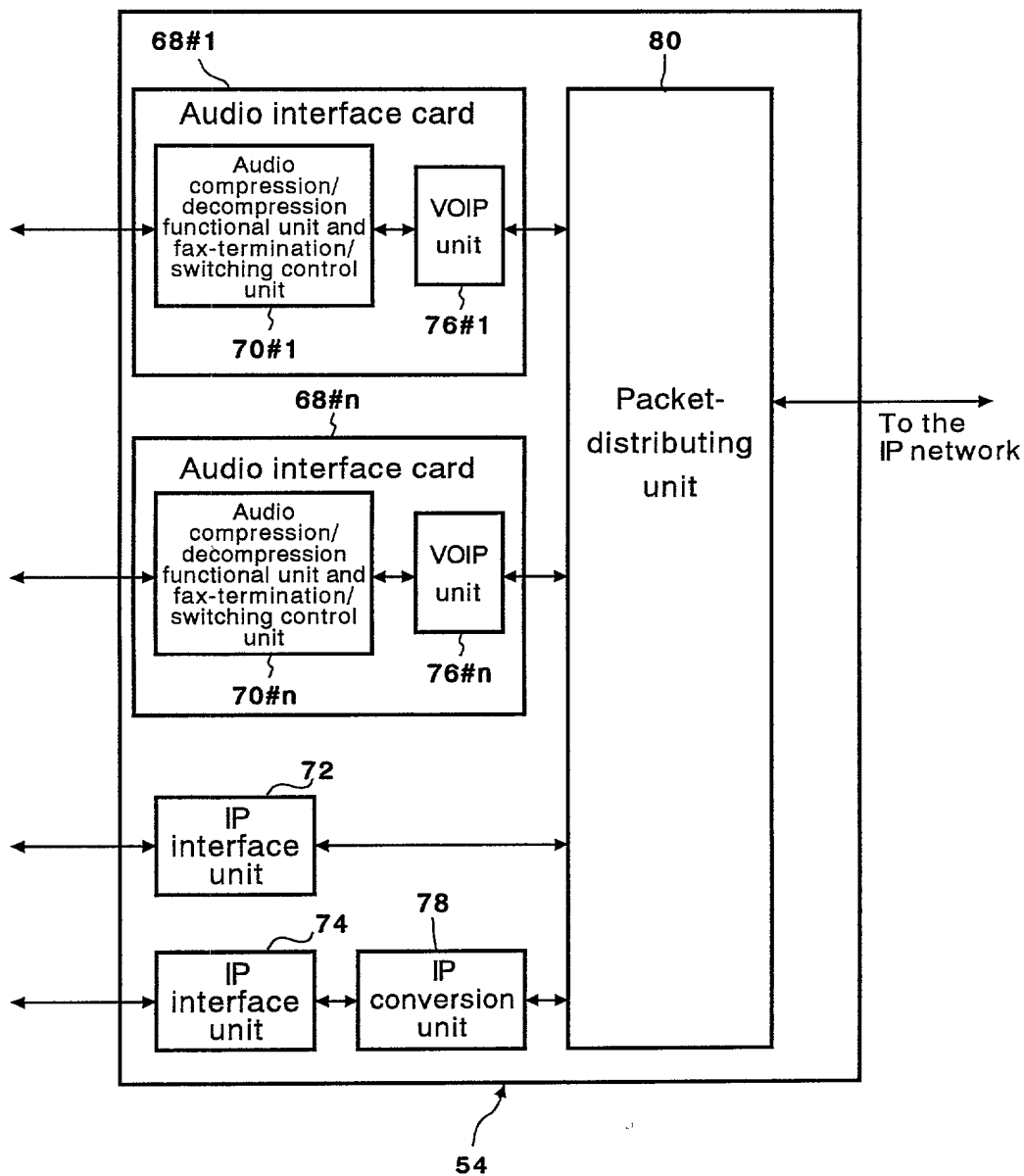
# FIG. 4



# FIG. 5



# FIG. 6



# FIG. 7

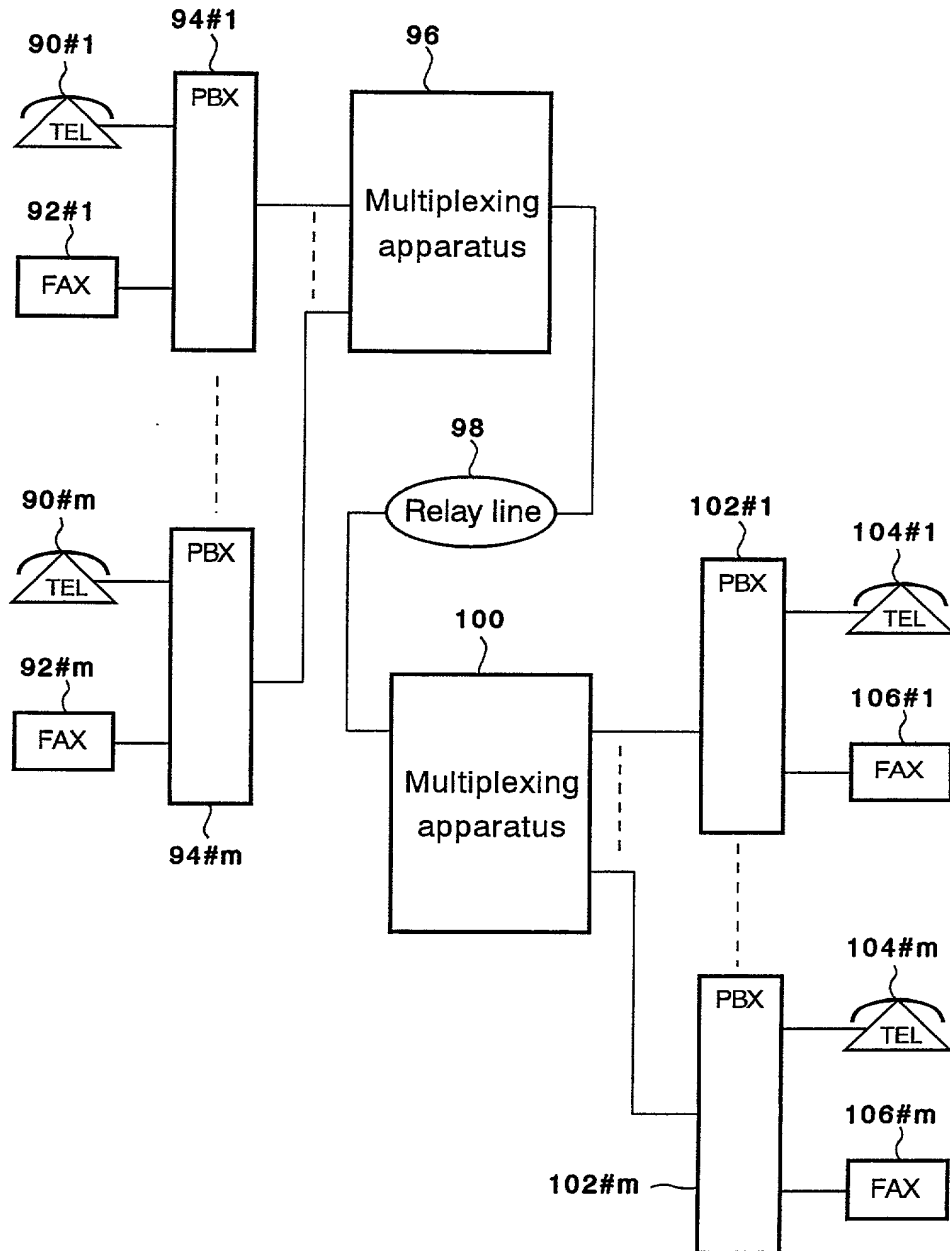


FIG. 8

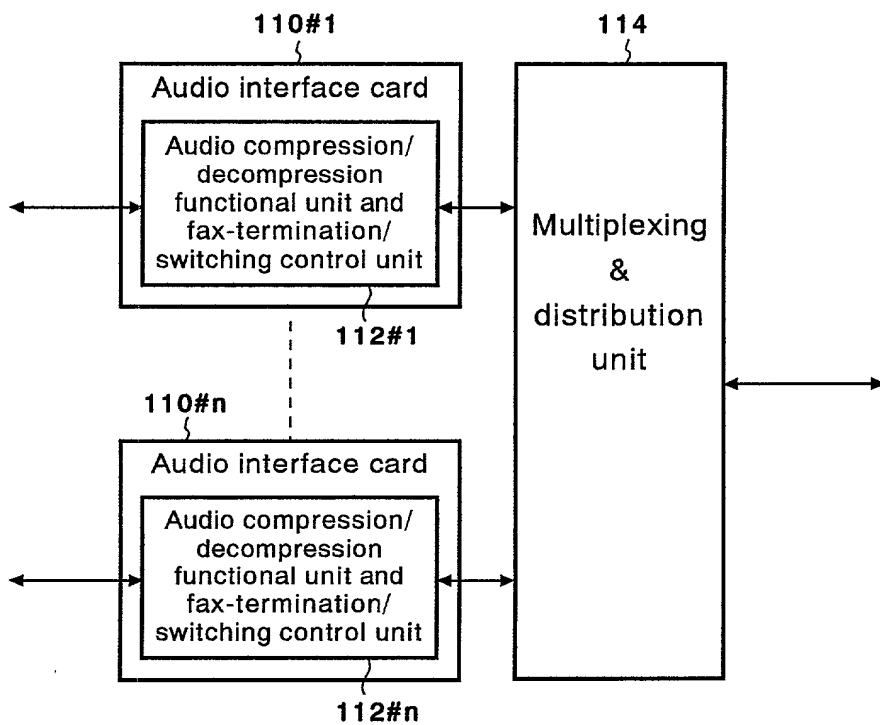
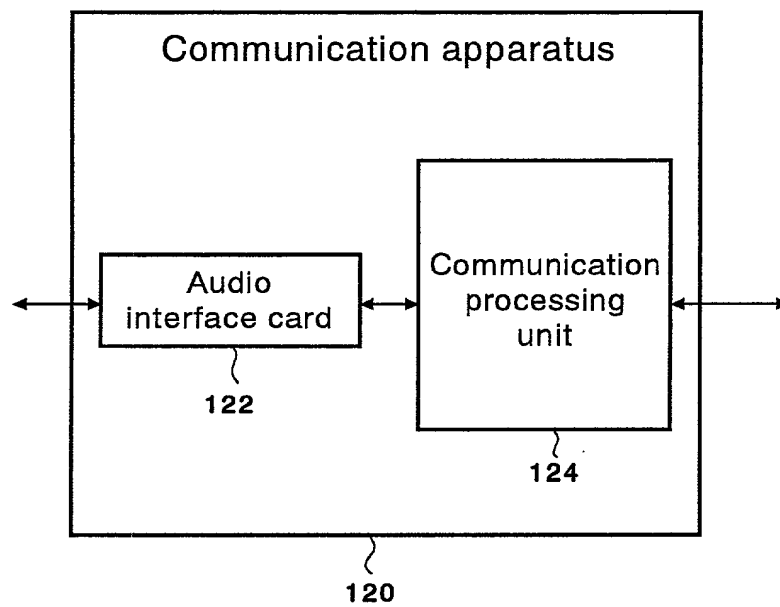
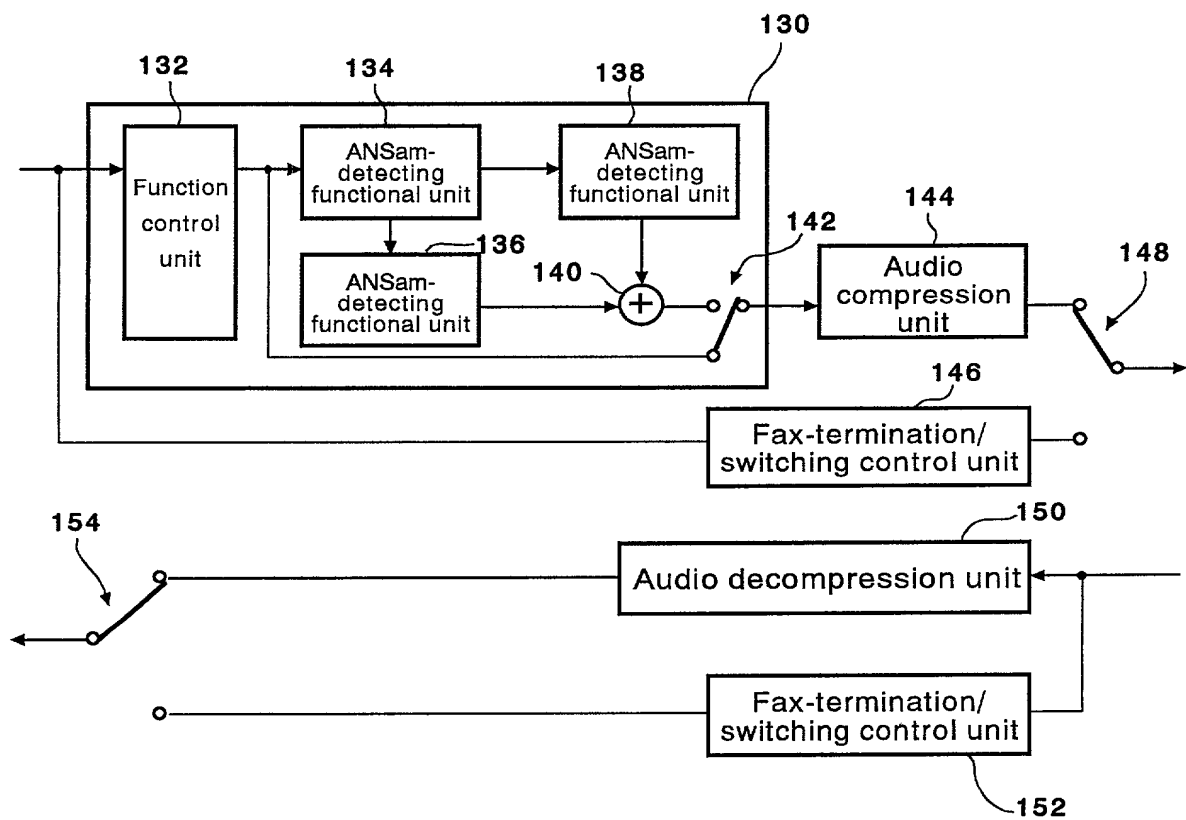




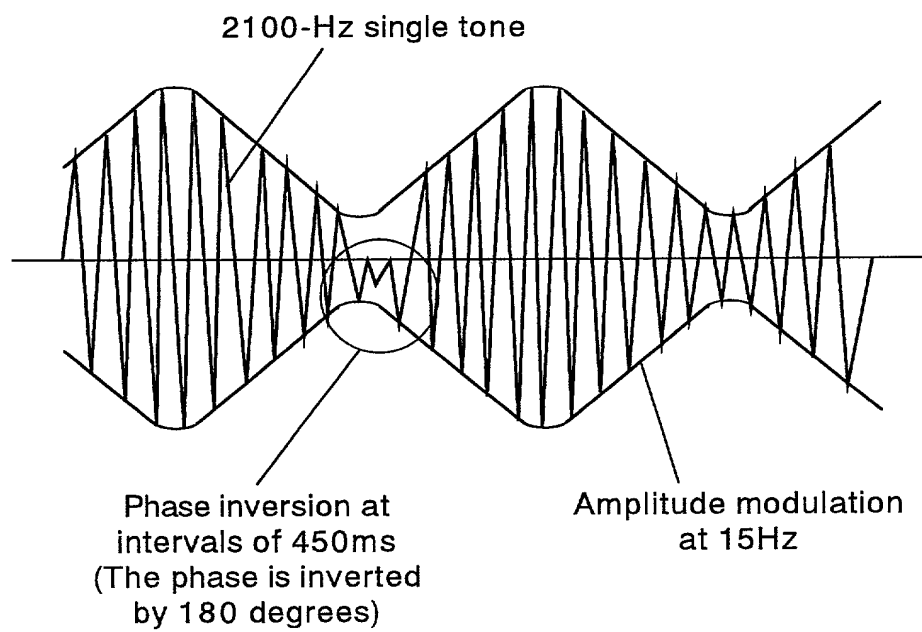
FIG. 9



# FIG. 10



# FIG. 11



# FIG. 12

Input signal from a telephone, a fax machine or a terminal

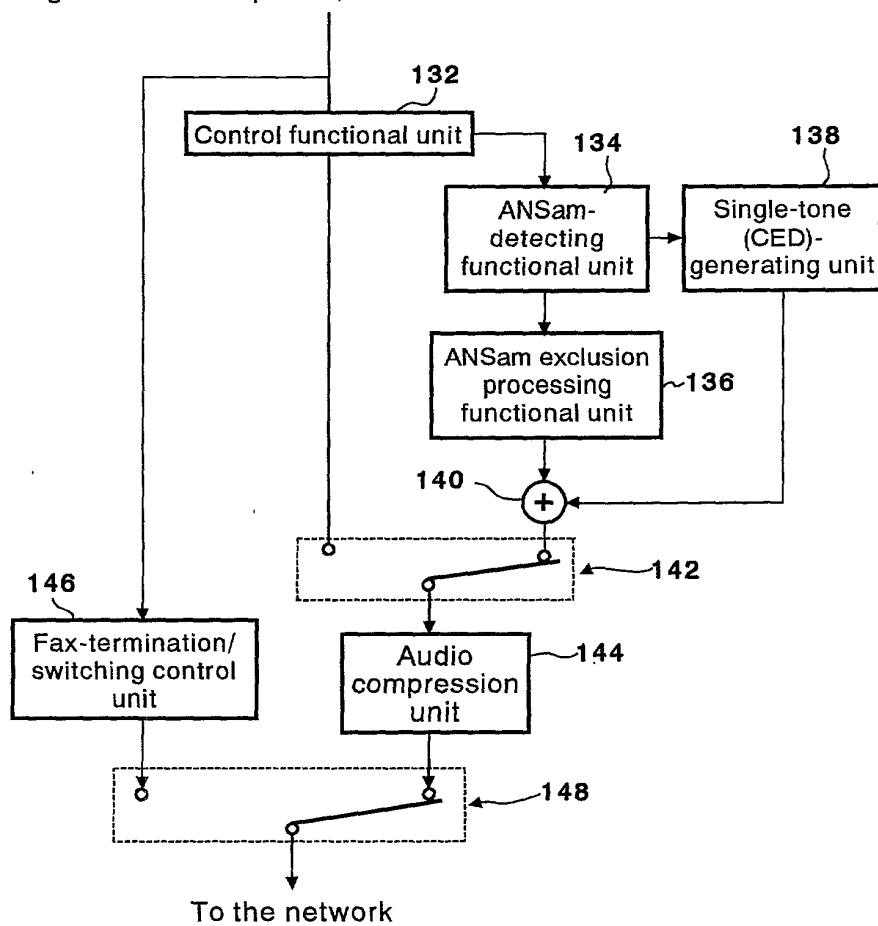


FIG. 13

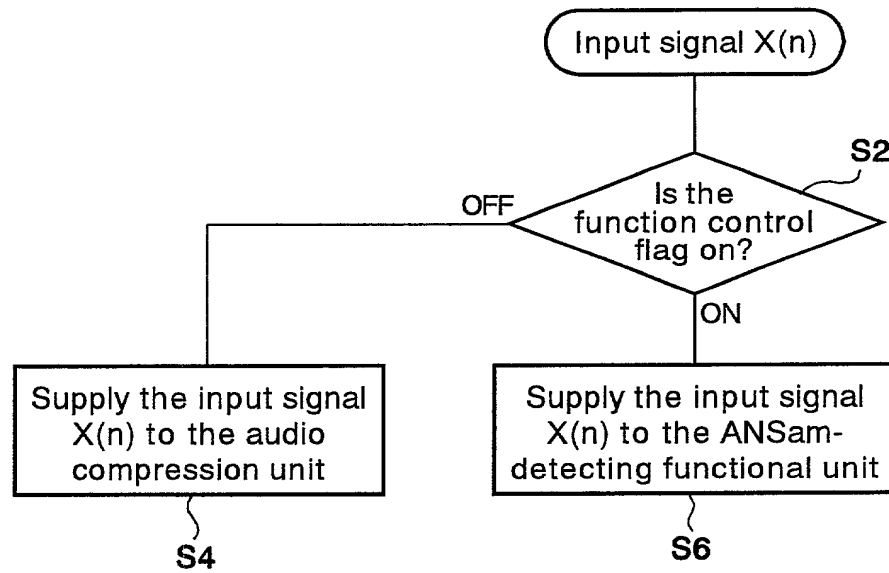


FIG. 14

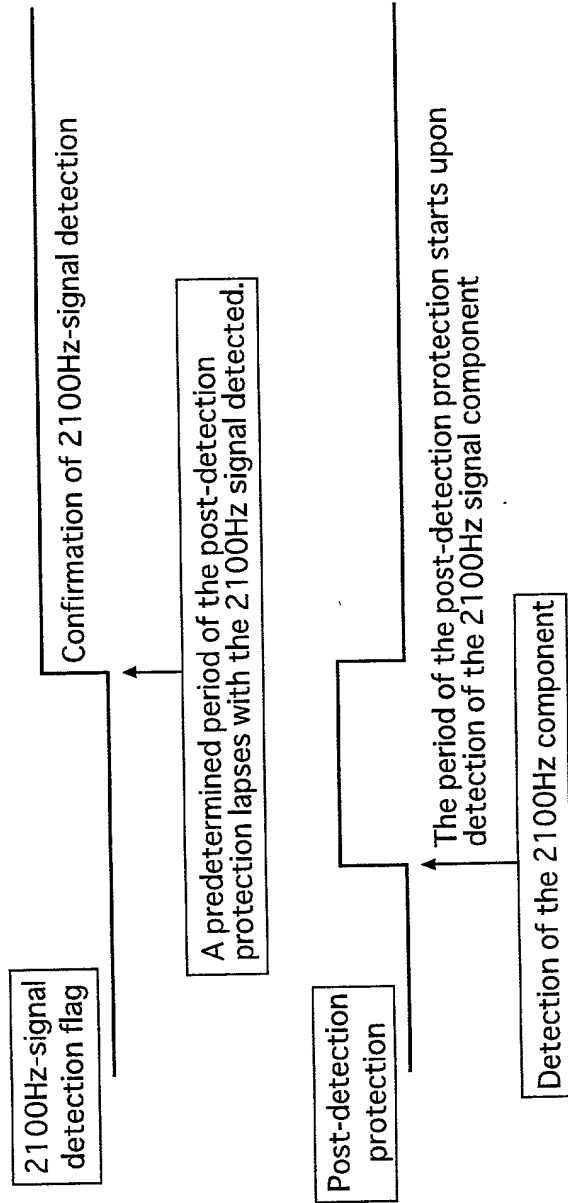


FIG. 15

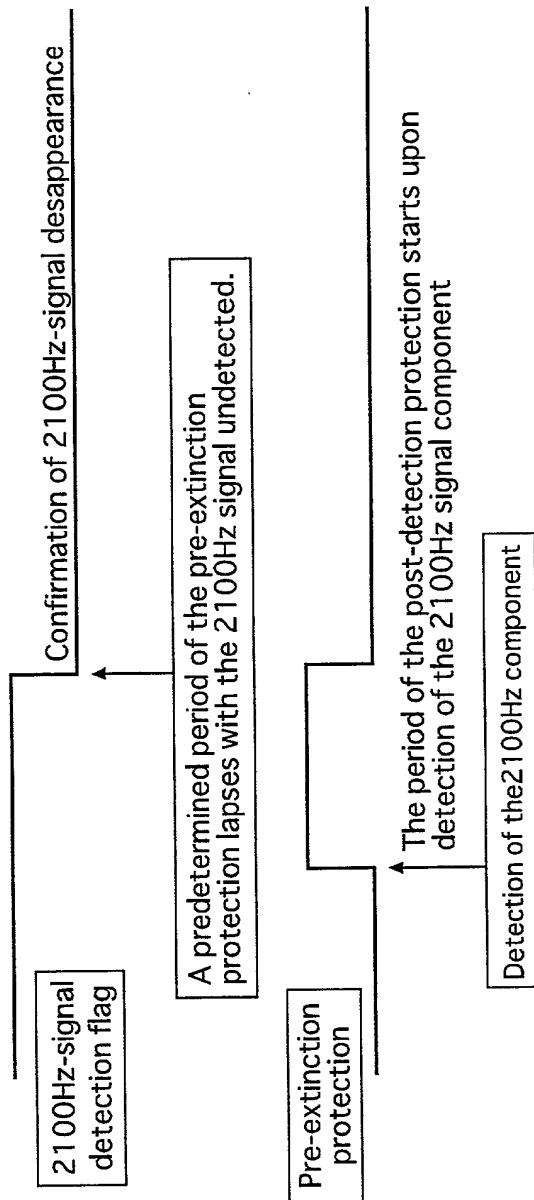


FIG. 16

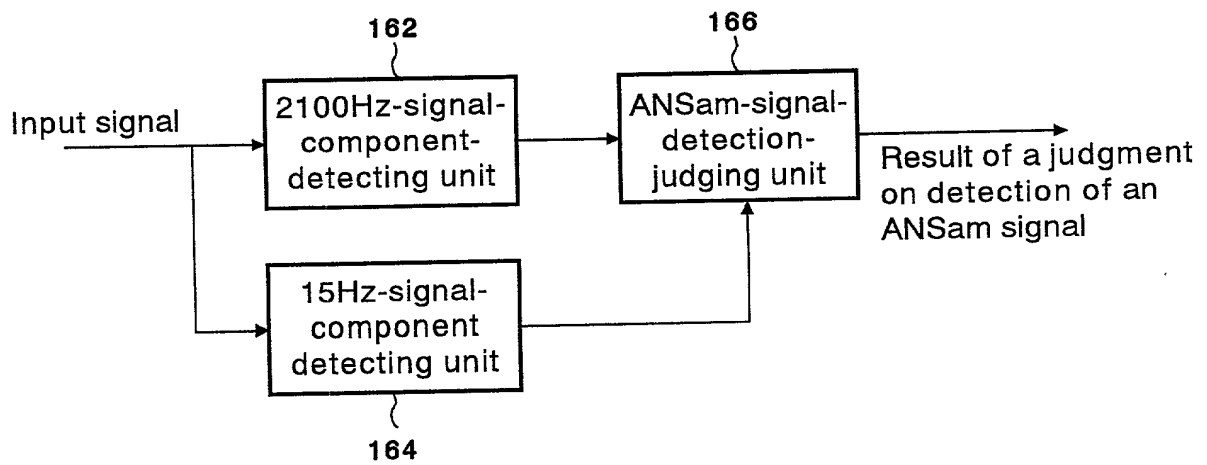
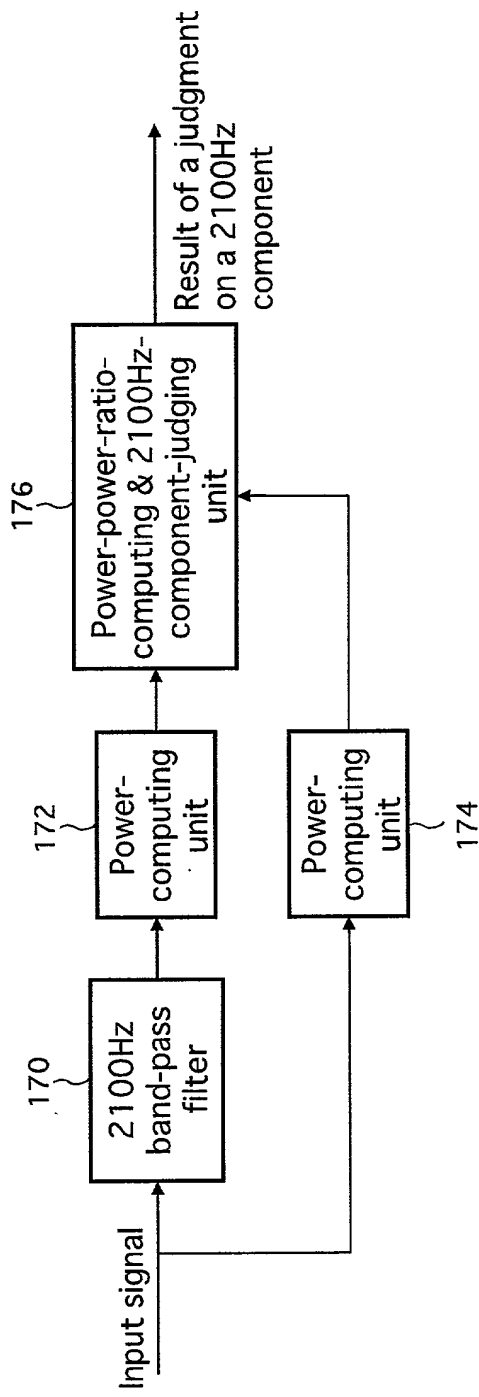




FIG. 17



# FIG. 18

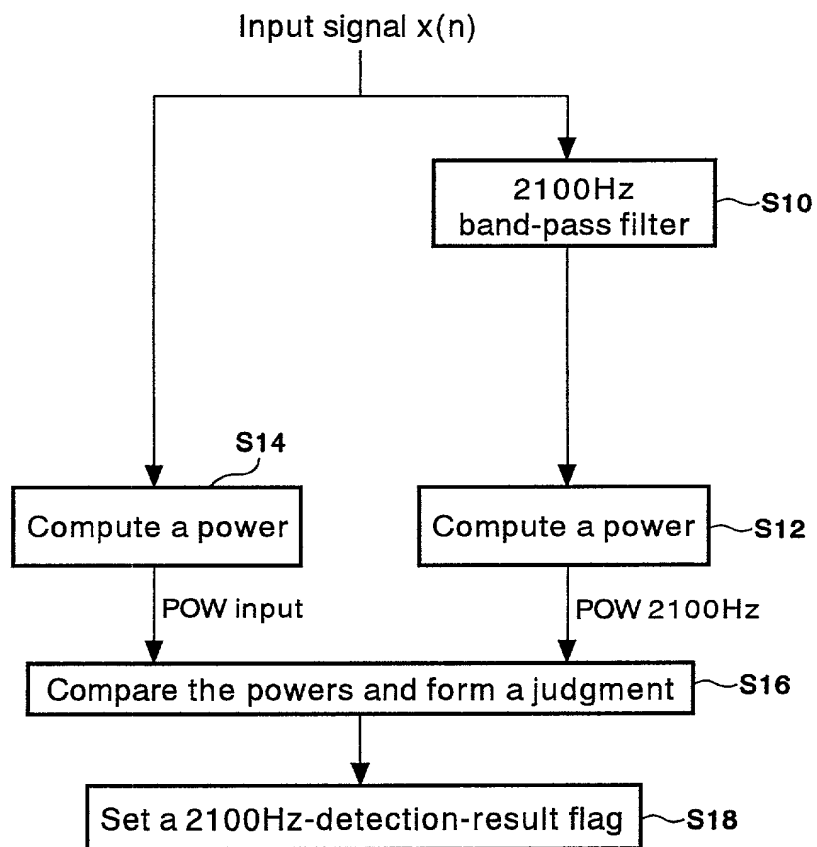
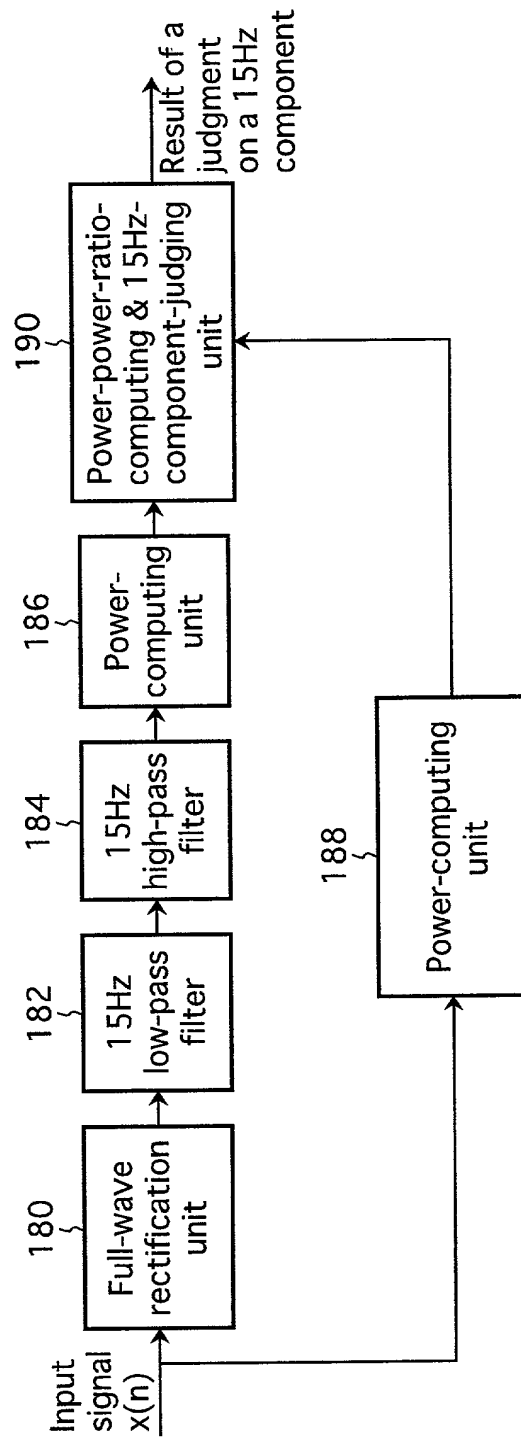
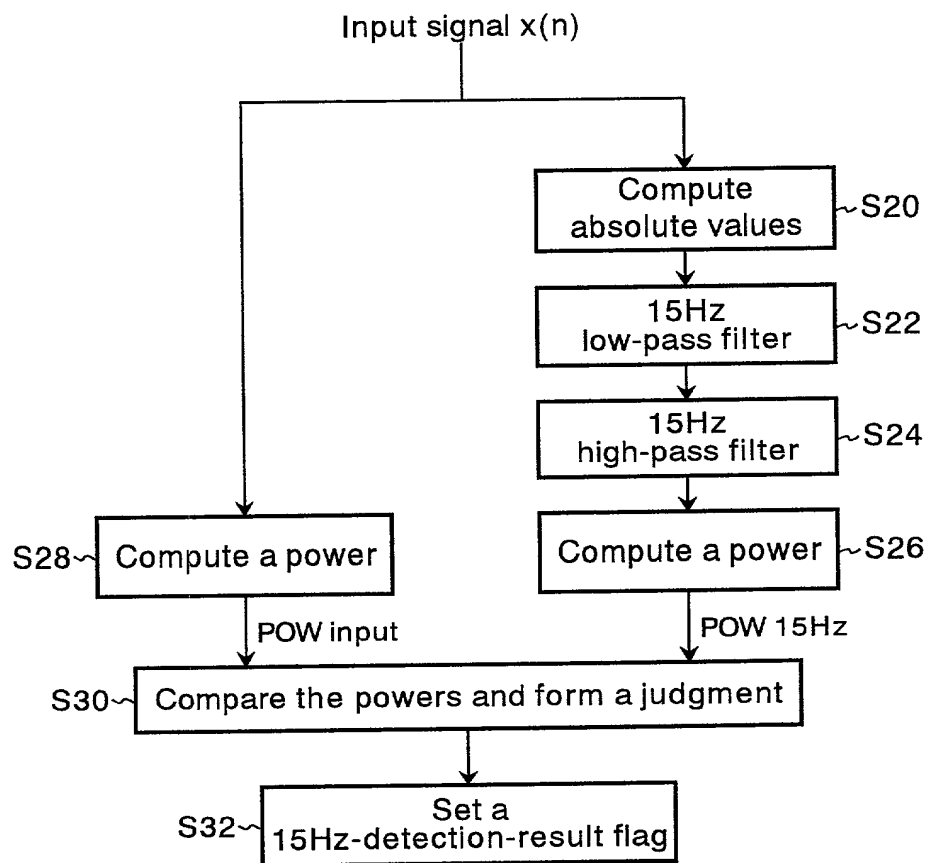


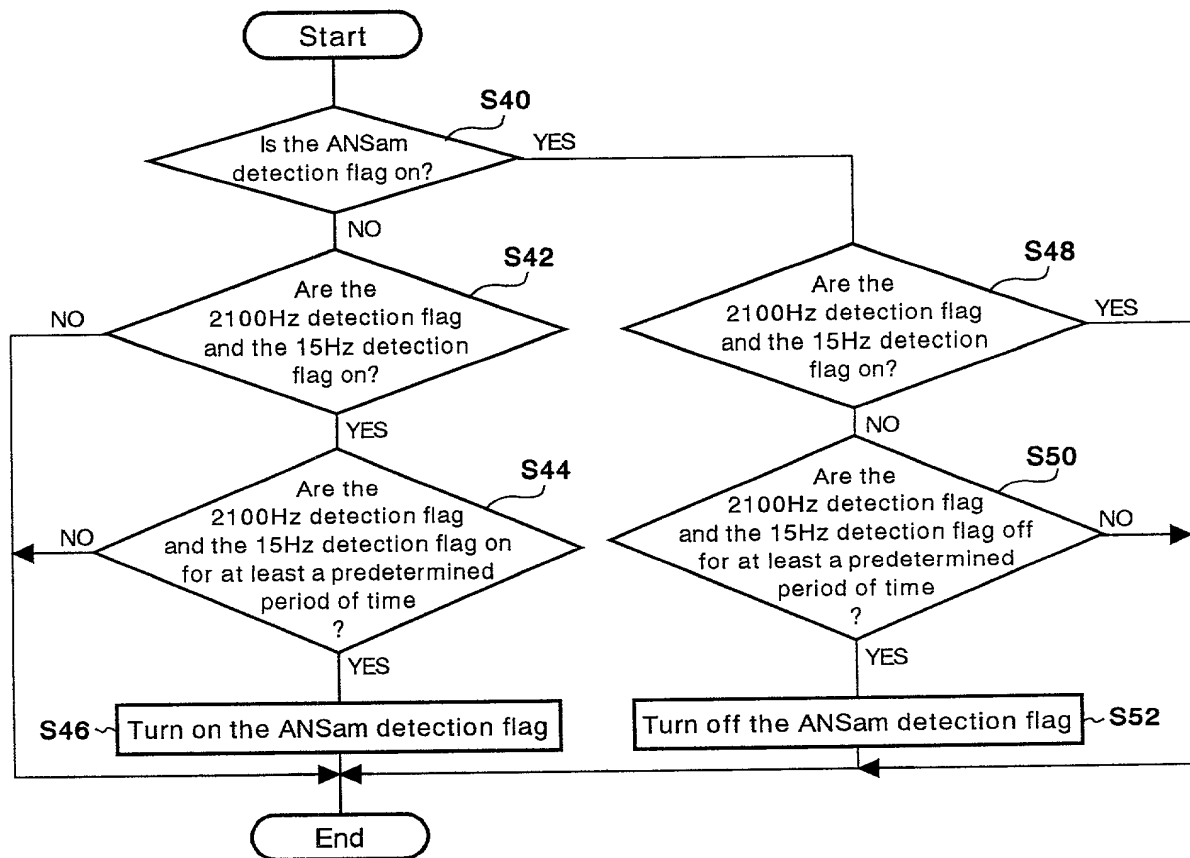
FIG. 19



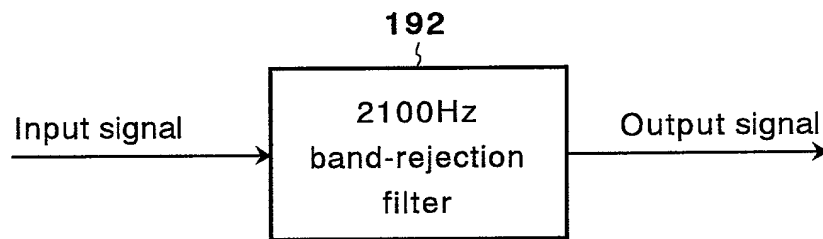
# FIG. 20



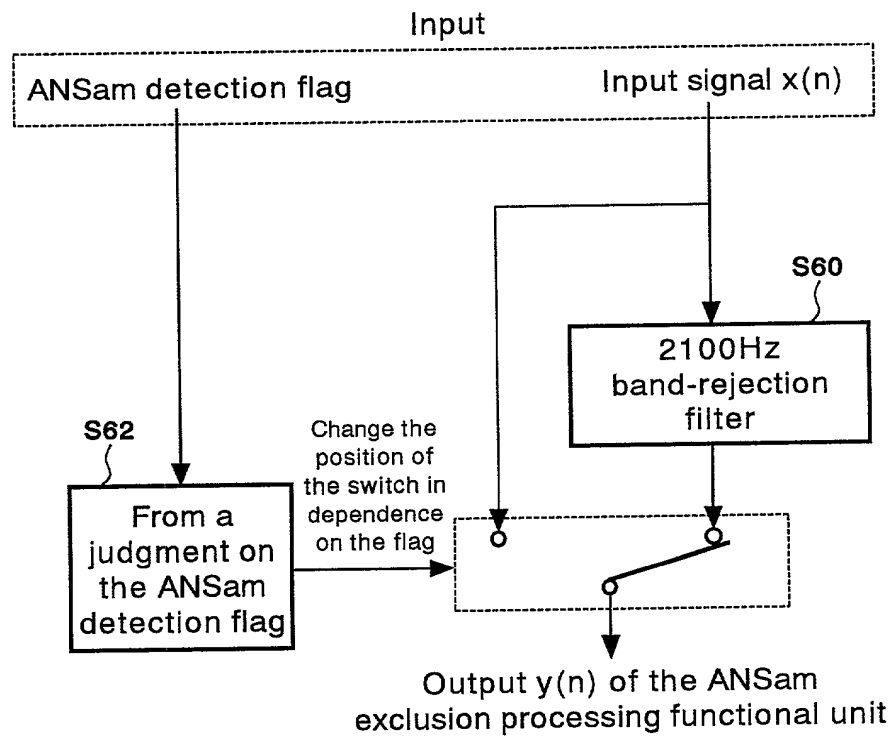
# FIG. 21



# FIG. 22



# FIG. 23



# FIG. 24

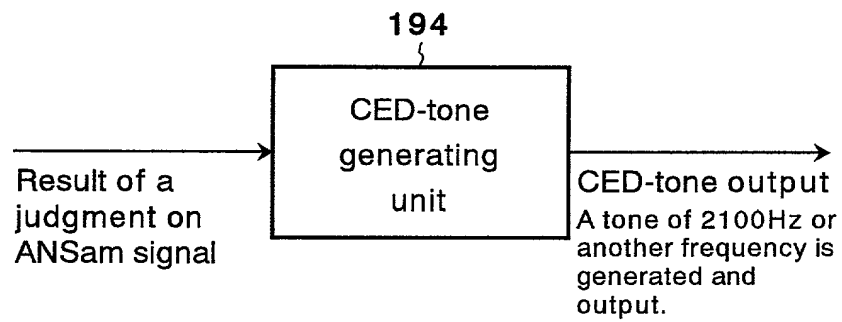
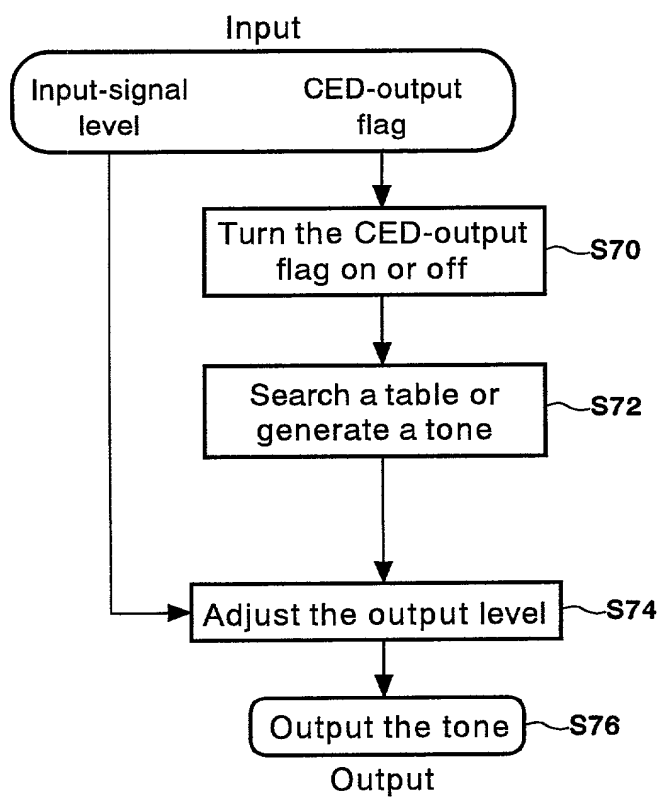




FIG. 25



# FIG. 26

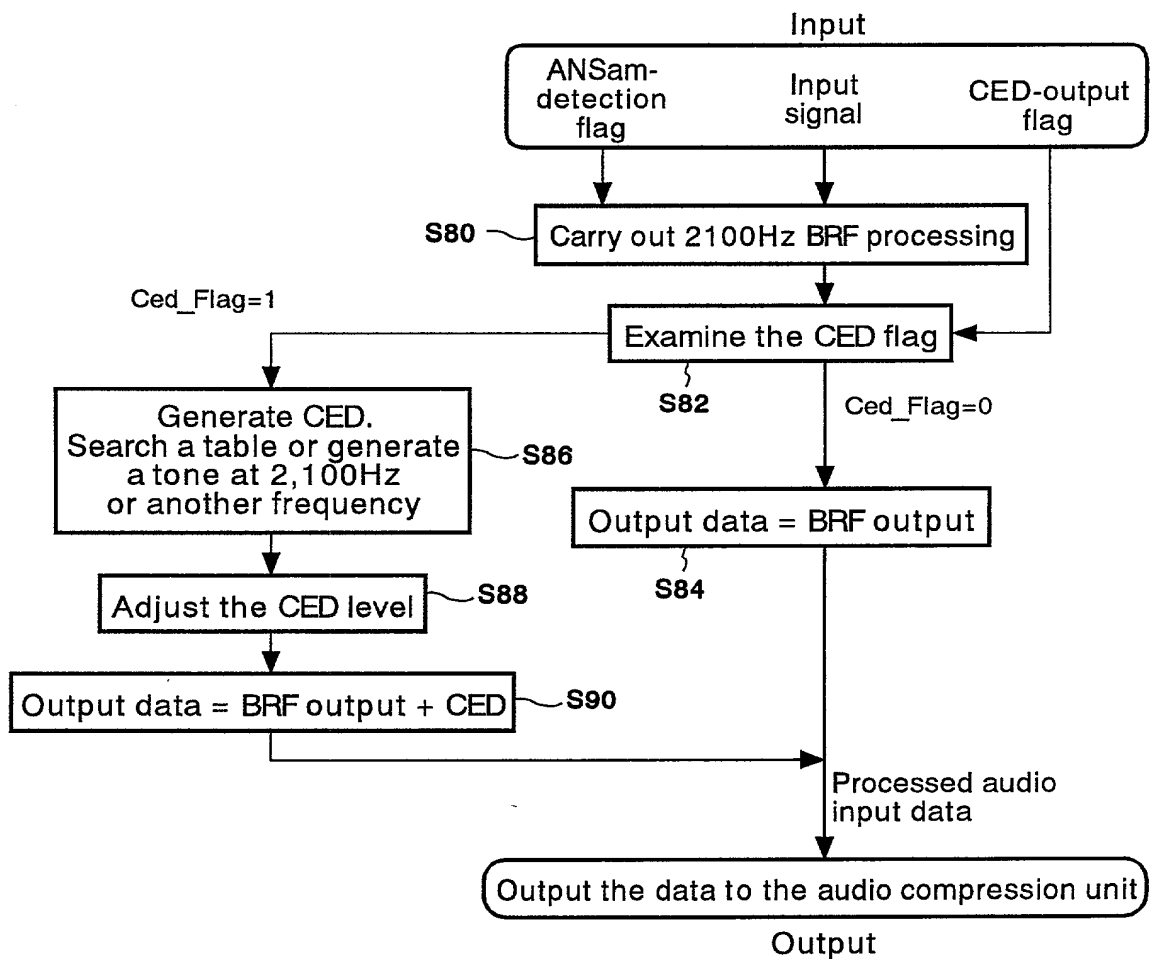


FIG. 27

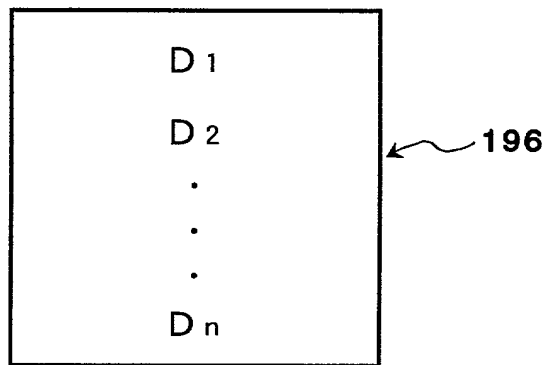


FIG. 28A

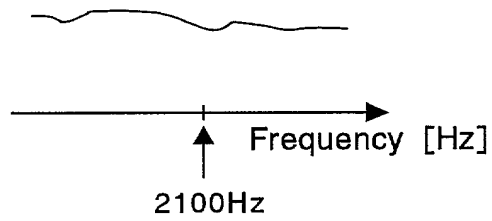


FIG. 28B

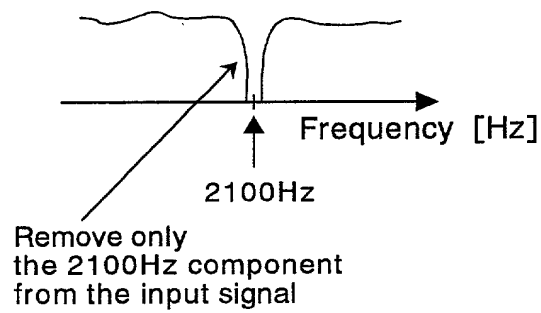
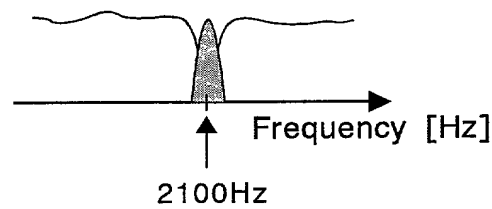
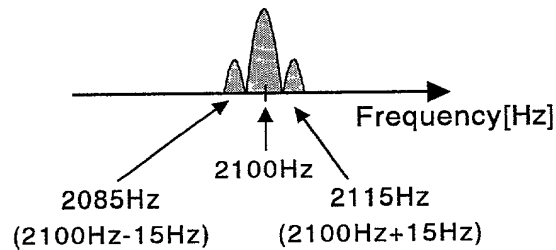


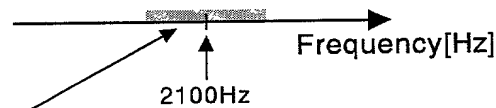
FIG. 28C



# FIG. 29A

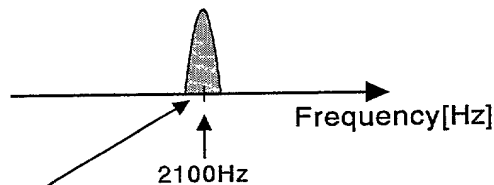


# FIG. 29B



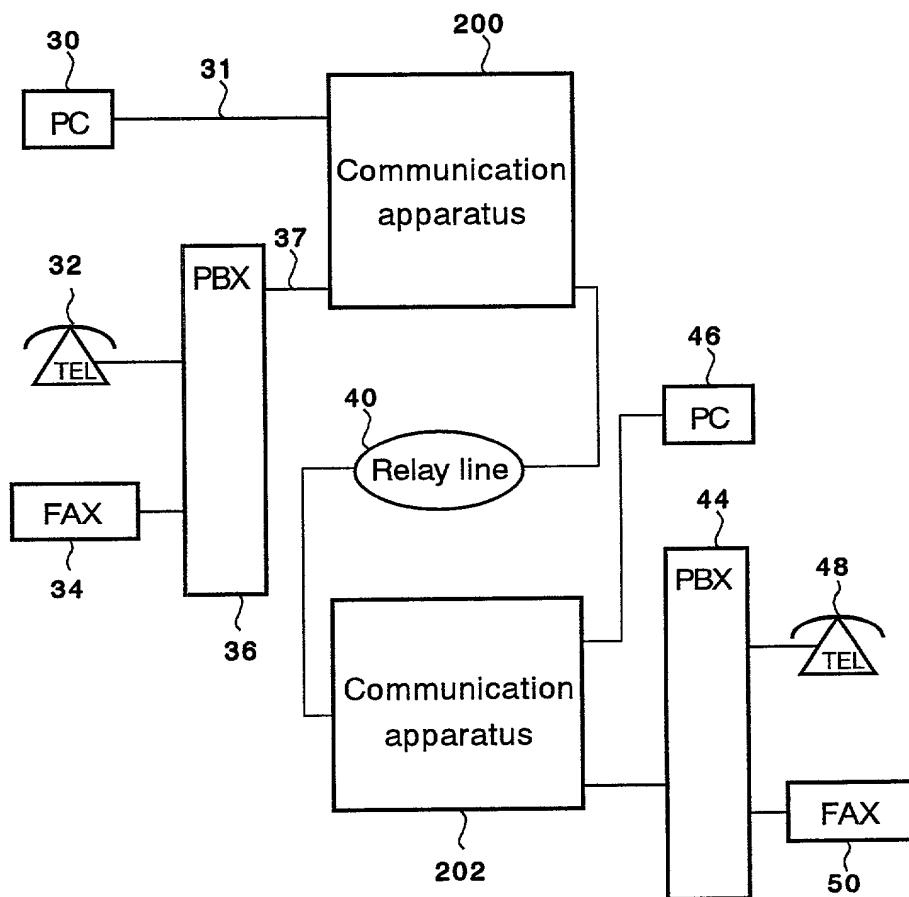
The filter removes components of  $2,100 \pm 15\text{Hz}$   
 At that time, the 2100Hz component and  
 components of  $\pm 15\text{Hz}$  relative to 2100Hz are  
 removed.

# FIG. 29C

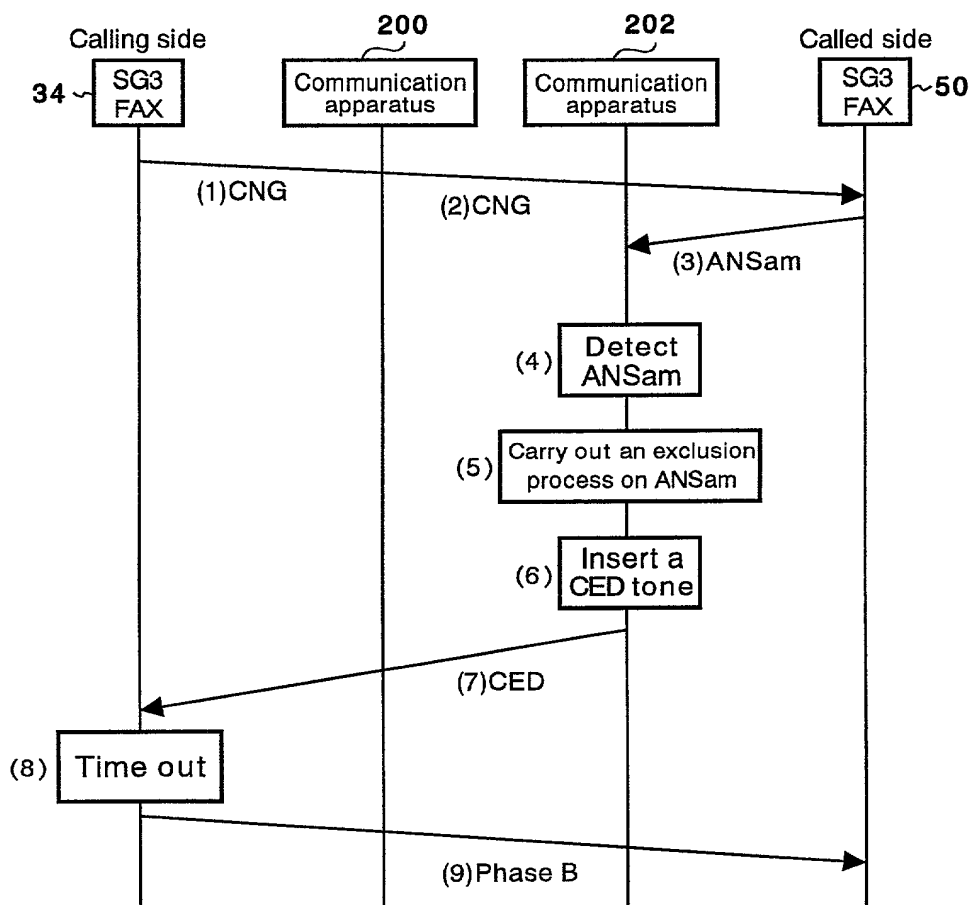


A newly created 2100Hz component  
 (2100Hz single tone) is inserted.  
 The 2100Hz single tone does not include  $\pm 15\text{Hz}$   
 components (or is not amplitude-modulated at 15Hz)

FIG. 30



# FIG. 31



# FIG. 32

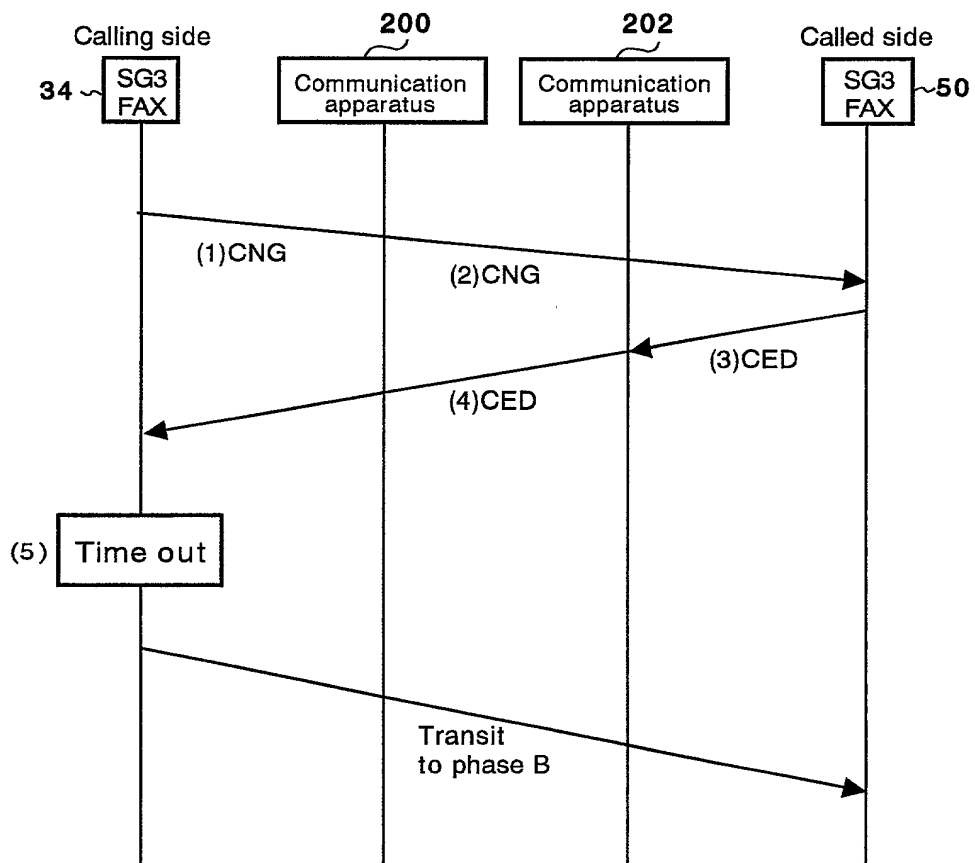
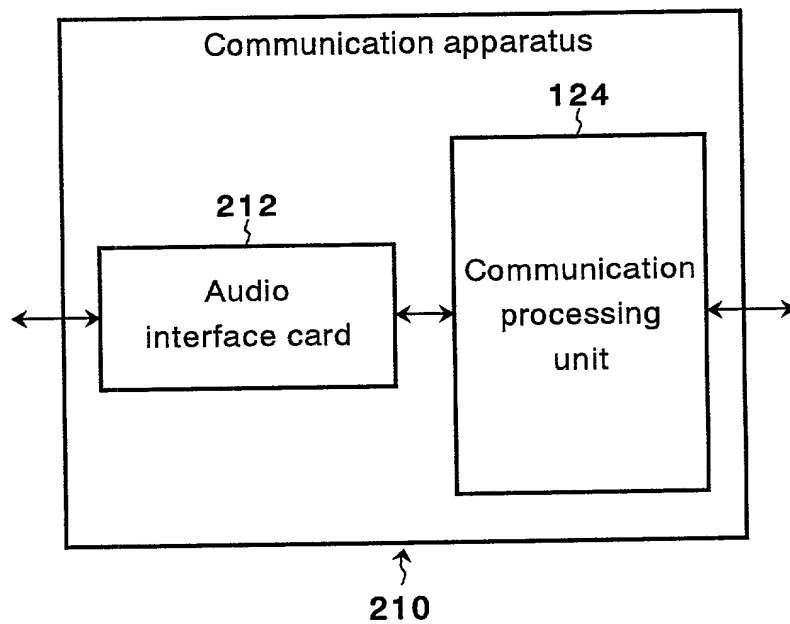
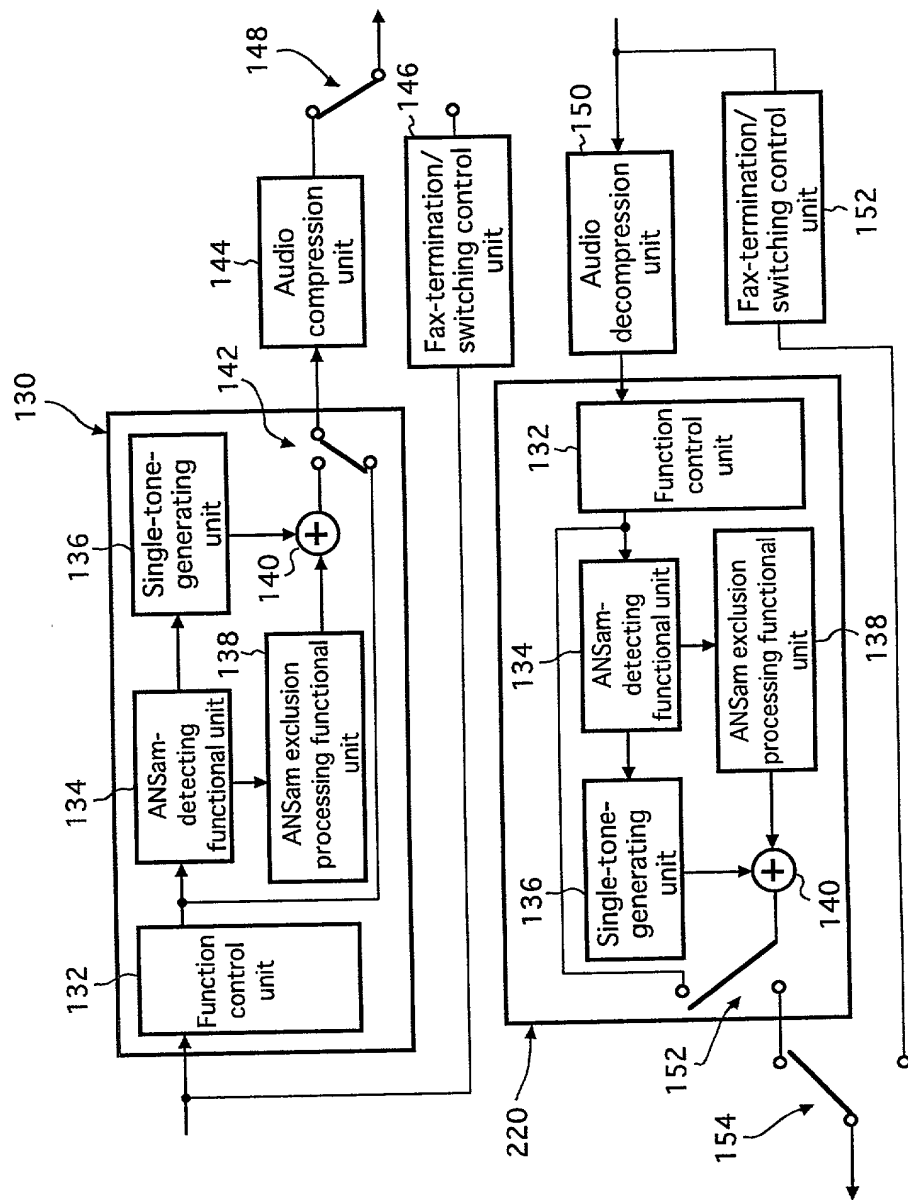




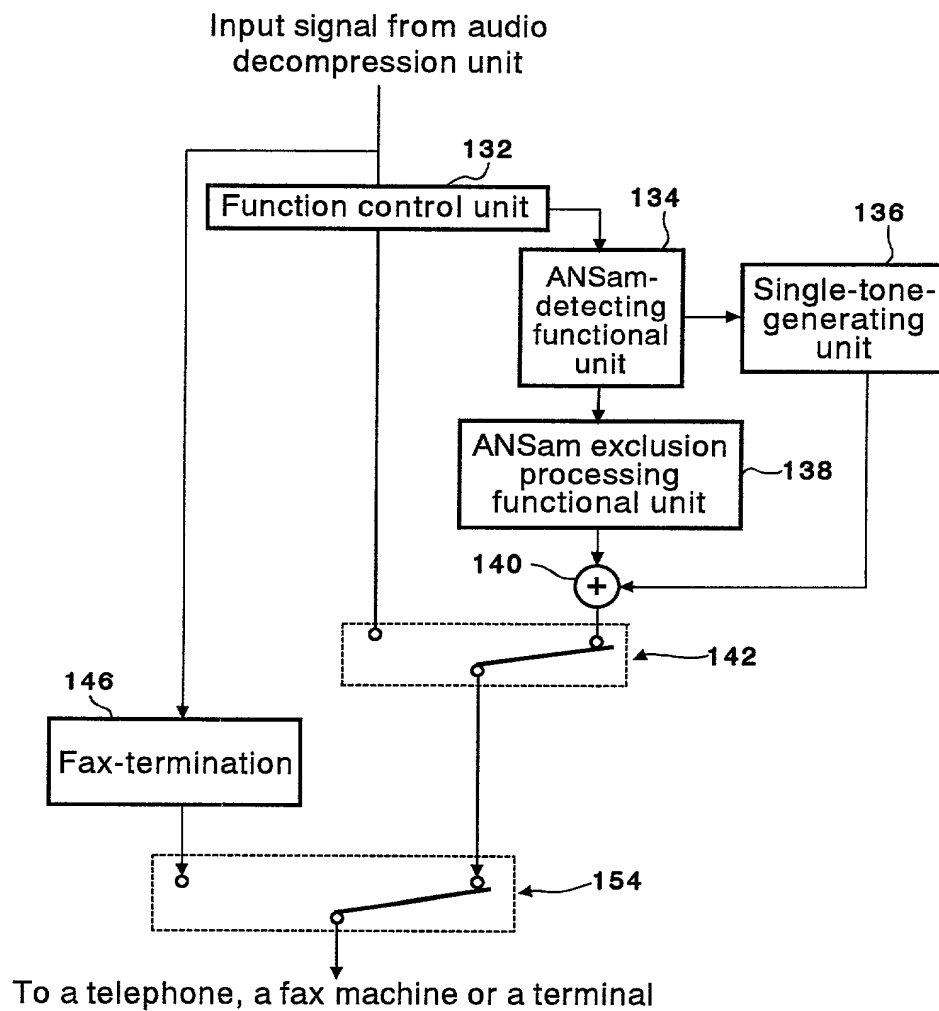
FIG. 33



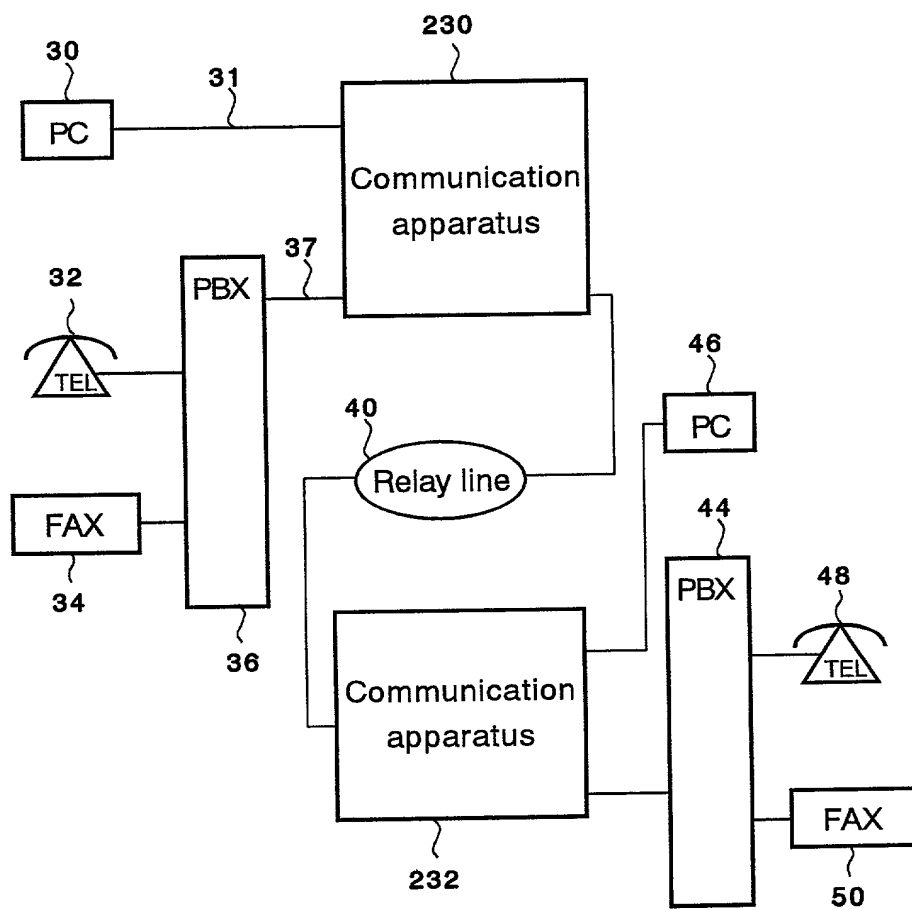
# FIG. 34



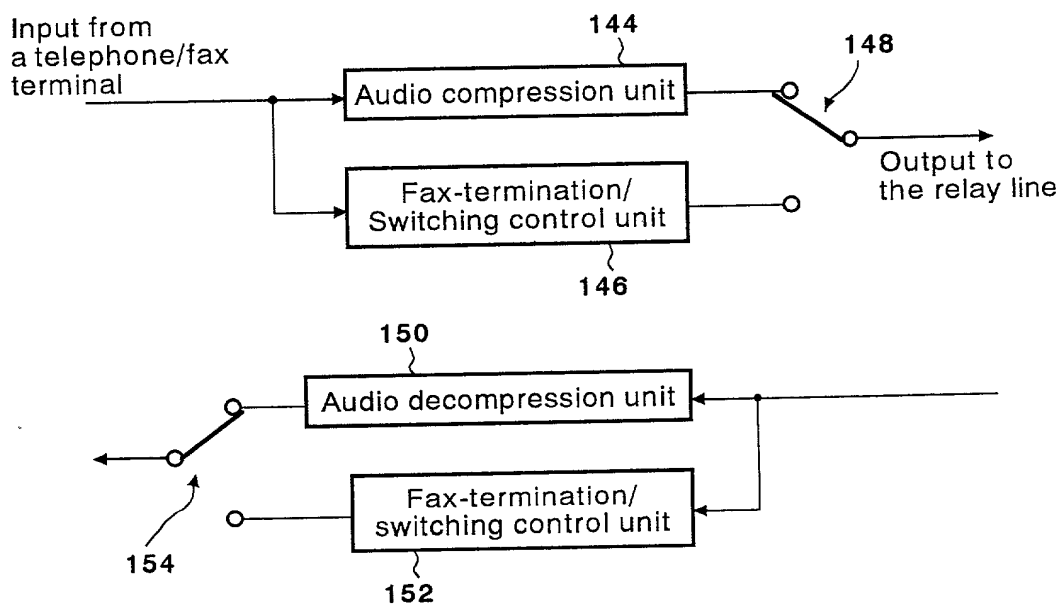
# FIG. 35



# FIG. 36



# FIG. 37



# FIG. 38

